

CLAIMS

By this response, no claims are amended, added, or canceled. For the Examiner's convenience, a copy of all pending claims and a status of the claims is provided below.

1. (previously presented) A building board made of OSB (oriented strand board) which can be laid on beams, which are spaced apart parallel to one another, in order to form a subfloor in a residential or commercial building and which has two mutually opposite longitudinal edges and two mutually opposite transverse edges running at right angles to the longitudinal edges, one longitudinal edge and one transverse edge in each case having a tongue and the opposite longitudinal edge and transverse edge having a groove corresponding to the tongue, via which a plurality of building boards can be connected to one another and locked in the vertical direction in relation to one another, wherein the tongue on the longitudinal edge comprises a bevel and a recess adjacent the bevel, and the tongue and the groove on the longitudinal edge are designed such that two boards which are connected to one another at the longitudinal edges are also locked in a horizontal direction in relation to one another.

2. (previously presented) The building board as claimed in claim 1, wherein the groove on the longitudinal edge is bounded by a top lip and a bottom lip, the bottom lip projects laterally beyond the top lip and has a concave recess over the entire length, and the tongue has a convex underside which corresponds to the recess.

3. (original) The building board as claimed in claim 1, wherein the longitudinal edges and the transverse edges have a chamfer on their top side, with the result that a V-shaped joint is formed at the connecting location between two boards.

4. (previously presented) The building board as claimed in claim 1, wherein the board comprises four layers, in which case, in the two outer layers, a longitudinal direction of strands is oriented predominantly in the longitudinal direction of the board and, in the two inner layers, a longitudinal direction of other strands is oriented predominantly in the transverse direction of the board.

5. (previously presented) The building board as claimed in claim 1, wherein the board comprises strands glued with an isocyanate resin, a urea resin or a melamine resin.

6. (original) The building board as claimed in claim 1, wherein the top side of the board is provided with markings, along which the board can be fastened on the beams by means of screws or nails.

7. (previously presented) The building board as claimed in claim 2, wherein the bottom lip of the groove, on the longitudinal and/or transverse side, has depressions, which are spaced apart parallel to one another, for accommodating a nail head or screw head.

8. (previously presented) A building board, comprising:
a first longitudinal edge having a tongue;

a second longitudinal edge opposite the first longitudinal edge and having a groove bounded by a top lip and a bottom lip;

a first transverse edge adjacent to the first and second longitudinal edges and having a tongue;

a second transverse edge adjacent to the first and second longitudinal edges and having a groove; and

an upwardly projecting extension on the bottom lip of the second longitudinal edge that locks interconnected boards in a horizontal direction in relation to one another,

wherein a front edge of the tongue of the first longitudinal edge comprises a bevel, the bottom lip of the second longitudinal edge has a concave recess over its length, and the tongue of the first longitudinal edge has a convex underside which corresponds to the concave recess.

9. (previously presented) The building board of claim 8, further comprising a first chamfer on a top side of the top lip of the second longitudinal edge.

10. (previously presented) The building board of claim 9, further comprising a second chamfer disposed above the tongue of the first longitudinal edge, resulting in a V-shaped joint formed by connecting boards.

11. (previously presented) The building board of claim 8, further comprising a recess formed in the tongue of the first longitudinal edge adjacent to the bevel.

12. (previously presented) The building board of claim 8, further comprising a plurality of spaced apart recesses provided along the bottom lip of the second longitudinal edge.

13. (previously presented) The building board of claim 12, wherein the groove of the second transverse edge comprises a top lip and a bottom lip, the bottom lip of the second transverse edge having a plurality of spaced apart recesses.

14. (previously presented) The building board of claim 13, wherein the plurality of recesses of the second longitudinal edge and the second transverse edge are configured to accommodate countersunk nail heads or screw heads.

15. (previously presented) The building board of claim 8, wherein:
a first layer and a second layer of the board comprise strands having a longitudinal direction oriented predominantly in a longitudinal direction of the board, and
a third layer and a fourth layer of the board comprise strands having a longitudinal direction oriented predominantly in a transverse direction of the board.

16. (previously presented) The building board of claim 8, further comprising a bevel on the top lip of the second longitudinal edge which corresponds to the bevel of the tongue of the first longitudinal edge.

17. (previously presented) The building board of claim 8, further comprising strands glued with one of an isocyanate resin, a urea resin, and a melamine resin.

18. (previously presented) The building board of claim 8, further comprising markings provided on a top side of the board and corresponding to spacing between beams.

19. (previously presented) The building board as claimed in claim 2, wherein:
an underside of the top lip comprises a beveled edge corresponding to the bevel, and
the longitudinal edges and the transverse edges have a chamfer on their top side, with
the result that a V-shaped joint is formed at the connecting location between two boards.

20. (previously presented) A building board comprising two mutually opposite longitudinal edges and two mutually opposite transverse edges running at right angles to the longitudinal edges, one longitudinal edge and one transverse edge in each case having a tongue and the opposite longitudinal edge and transverse edge having a groove corresponding to the tongue, via which a plurality of building boards can be connected to one another and locked in the vertical direction in relation to one another,

wherein the groove on the longitudinal edge is bounded by a top lip and a bottom lip, the bottom lip projects laterally beyond the top lip and has a concave recess over the entire length, the tongue has a convex underside which corresponds to the recess, and the bottom lip has a plurality of spaced apart depressions configured to accommodate a countersunk nail head or screw head.